

Cæterum puncta B, b, β non qualibet, sed vëro proxima eligere convenit. Si angulus AQt in quo vestigium orbis in plano Eclipticæ descriptum secabit rectam tB præterpropter innotescat, in angulo illo ducenda erit recta occulta AC , quæ sit ad Tt in dimidiata ratione St ad SQ . Et agendo rectam SEB cujus pars EB æquetur longitudini Vt , determinabitur punctum B quod prima vice usurpare licet. Tum rectâ AC deletâ & secundum præcedentem constructionem iterum ductâ, & inventâ insuper longitudine MP ; in tB capiatur punctum b , ea lege, ut si TA, TC se mutuo secuerint in Y , sit distantia Yb ad distantiam YB in ratione composita ex ratione MN ad MP & ratione dimidiatâ SB ad Sb . Et eadem methodo inveniendum erit punctum tertium β ; si modo operationem tertio repetere lubet. Sed hac methodo operationes duæ ut plurimum suffecerint. Nam si distantia Bb perexigua obvenerit, postquam inventa sunt puncta F, f & G, g , actæ rectæ Ff & Gg secabunt TA & TC in punctis quaesitis X & Z .

Exemplum.

Proponatur Cometa anni 1680. Hujus motum à *Flamstedio* observatum Tabula sequens exhibet.

		Tem. appar.	Temp. verû	Long. Solis	Long. Cometæ	Lat. Cometæ
1680	December	12	4.46	4.46.00	1.52.2	6.33.0
		21	6.32 $\frac{1}{2}$	6.36.59	11.8.10	5.7.38
		24	6.12	6.17.52	14.10.49	18.49.10
		26	5.14	5.20.44	16.10.38	28.24.6
		29	7.55	8.03.2	19.20.56	13.11.45
		30	8.2	8.10.26	20.22.20	17.37.5
1681	January	5	5.51	6.1.38	26.23.19	8.49.10
		9	6.49	7.0.53	0.29.34	18.43.18
		10	5.54	6.6.10	1.28.34	20.40.57
		13	6.56	7.8.55	4.34.6	25.59.34
		25	7.44	7.58.42	16.45.58	9.55.48
		30	8.07	8.21.53	21.50.9	13.19.26
	February	2	6.20	6.34.51	24.47.4	15.13.48
		5	6.50	7.4.41	27.49.51	16.59.52

In

In his observationibus *Flamstedio* quam bis observasset distantiam inde etiam distantiam bis ab alia orem & distantiam Cometæ ab bis, ac deinde ex distantia illius pori proportionali colligeret distantia à stella altera observantibus loca Cometæ festinanter amicis communicavit, & postea culo diligentiore correxit. Nos

His adde observatio

		Temp. appar.
Febru.	25	8 ^h .30
	27	8.15
Mart.	1	11.0
	2	8.0
	5	11.30
	9	8.30

Hæ observationes Telescopiæ que in foco Telescopii locatis positiones fixarum inter se & posuimus. Designet A stellam in B stellam sequentem in sinistro H, I, K, L, M, N stellas alias P, Q, R, S, T loca Cometæ & existente distantia AB parti $58\frac{5}{6}$, AD $57\frac{5}{12}$, BD $82\frac{6}{11}$, CI AK $38\frac{2}{3}$, BK 43 , CK $31\frac{5}{9}$, $18\frac{6}{7}$, DH $53\frac{5}{11}$, BN $46\frac{3}{12}$, erat ad LB ut 2 ad 9 & prope determinabantur positiones fixarum.